

Emission Summary

Permit Number: 069753P

Eagle Bend Mfg. Inc., 01-0235-02

Source Status: New ☒ Modification ☐ Expansion ☐ Relocation ☐ Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☐ NESHAPs ☒ Previous Permit Number: Construction _____ Operating _____.

	Pounds/Hour			Tons/Year ³				Date of Data	*	Applicable Standard 1200-03-
	Actual ¹	Potential	Allowable ²	Actual	Potential	Allowable	Net Change			
TSP	neg	neg	0.08	neg	neg	0.02				06-.02(2)
CO	0.26	0.26	0.26	0.07	0.07	0.07				07-.07(2)
NO _x	0.4	0.4	0.4	0.1	0.1	0.1				07-.07(2)
VOC	0.01	0.01	0.01	neg	neg	neg				07-.07(2)

* - Source of data

¹ Actual emissions (pounds/ hour) for TSP, CO, NO_x, and VOC based on AP-42 emission factors from Tables 3.2-2 and 3.2-3.

² Allowable emissions (pounds/ hour) for CO, NO_x, VOC based on AP-42 emission factors (actual = potential = allowable emissions)

³ Emissions (Tons/ Year) based on 500 hours/ year EPA default value for emergency generator operation.

PERMITTING PROGRAM: JAT DATE: April 16, 2015

OPERATING PERMIT SUMMARY REPORT

Company Name: Eagle Bend Mfg. Inc.
Permit Number(s): 069753P

File Number: 01-0235 EPS Initials: JAT
Source Point Number(s): 02

Application Received (date): November 26, 2014

Application Complete (date): November 24, 2014

Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

This operation was constructed in 2005 and consists of one spark ignition natural gas fueled emergency generator engine rated at 50 hp power output capacity (37.285 kw) located at IT. PM, CO, NO_x, and VOC are emitted by this source. The source is subject to 40 CFR 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. This source was constructed in Anderson County which is nonattainment for fine particulate matter (PM 2.5) and is subject to minor source BACT analysis per rule 1200-03-09-.01(5)(b)2.(ii). However, potential particulate emissions from this source are negligible; therefore, minor source BACT is not specifically addressed in the permit.

Rules Analysis

Title V ☐ Cond. Major ☐ Minor ☒ Source category listed in 1200-03-09-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD:	New source above ____ TPY <input type="checkbox"/>	Sig. increase in ____ emissions <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart ____ <input type="checkbox"/>	State Rule 1200-03-16-____ <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart ____ <input type="checkbox"/>	State Rule 1200-03-11-____ <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
“ “	40 CFR Part 63, Subpart <u>ZZZZ</u> <input checked="" type="checkbox"/>	State Rule 1200-03-31-____ <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Other Applicable State Rules

TSP Emissions:	1200-03- <u>06-.02(2)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO _x Emissions:	1200-03- <u>07-.07(2)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
SO ₂ Emissions:	1200-03-____	<input type="checkbox"/> N/A <input type="checkbox"/>	Lead Emissions:	1200-3-____-____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03- <u>07-.07(2)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-3-____-____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
VOC Emissions:	1200-03- <u>07-.07(2)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-3-____-____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>

Visible Emissions from this Source not to exceed 20 % opacity per Method 9 (Rules 1200-03-05-.03(6) and 1200-03-05-.01(1))